Datasheet for ABIN7520012

FGFR4 Protein (Fc Tag)

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Overview

Quantity:	100 µg
Target:	FGFR4
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGFR4 protein is labelled with Fc Tag.

Product Details

Purpose:	Active Recombinant Mouse FGFR-4/CD334 Protein
Sequence:	LSLEASEEME QEPCLAPILE QQEQVLTVAL GQPVRLCCGR TERGRHWYKE GSRLASAGRV RGWRGRLEIA SFLPEDAGRY LCLARGSMTV VHNLTLLMDD SLTSISNDED PKTLSSSSSG HVYPQQAPYW THPQRMEKKL HAVPAGNTVK FRCPAAGNPM PTIHWLKDGQ AFHGENRIGG IRLRHQHWSL VMESVVPSDR GTYTCLVENS LGSIRYSYLL DVLERSPHRP ILQAGLPANT TAVVGSDVEL LCKVYSDAQP HIQWLKHVVI NGSSFGADGF PYVQVLKTTD INSSEVEVLY LRNVSAEDAG EYTCLAGNSI GLSYQSAWLT VLPEEDLTWT TATPEARYTD
Specificity:	Leu17-Asp366
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	FGFR4
Alternative Name:	FGFR-4/CD334 (FGFR4 Products)
Background:	Description: The protein is a member of the family of carcinoembryonic antigen-related cell adhesion molecules (CEACAMs), which are used by several bacterial pathogens to bind and invade host cells. The encoded transmembrane protein directs phagocytosis of several bacterial species that is dependent on the small GTPase Rac. It is thought to serve an important role in controlling human-specific pathogens by the innate immune system. Alternatively spliced transcript variants have been described. Name: Fgfr-4,FGFR4,CD334,JTK2,MGC20292,TKF,FGFR4,Fgfr-4,FGFR4,CD334,JTK2,MGC20292,TKF,FGFR4
Gene ID:	14186
UniProt:	Q03142
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Carbohydrate Homeostasis, Growth Factor Binding

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for 12 months.|After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.